BATTEN FLOOR SYSTEM

Snake gluing timber floor directly to battens top or secret nail.

ADVANTAGES	DISADVANTAGES
Allows to level very un-level substrate Cheaper options to level a concrete slab Hydronic heating can be installed between battens	Nosier Substrate not sealed air could rise

PREPARING THE SURFACE

*Concrete slab moisture content less than 67%. test with moisture meter

* Concrete slab & to be clean & dry

WHY FLOOR FAILS WHEN GLUING TO BATTENS

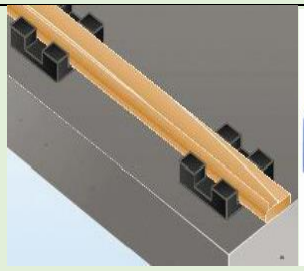
*Battens were un-level

*Fixed incorrectly to be installed to ATFA standards

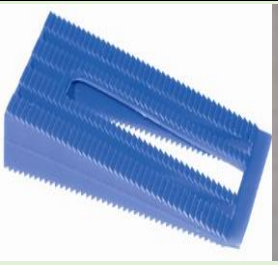
METHODS WHEN INSTALLING BATTENS TO MOISTURE BARRIER, SOUND PROOF & LEVEL

Plastic Membrane

Install plastic/battens

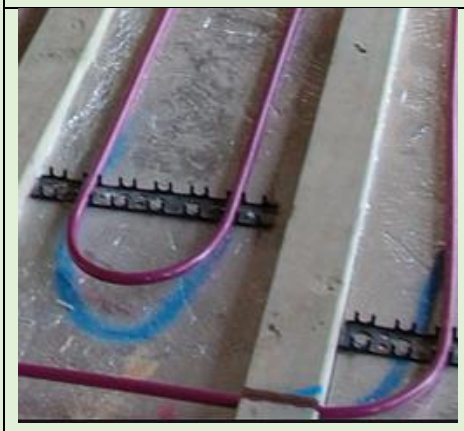


Acoustic pads

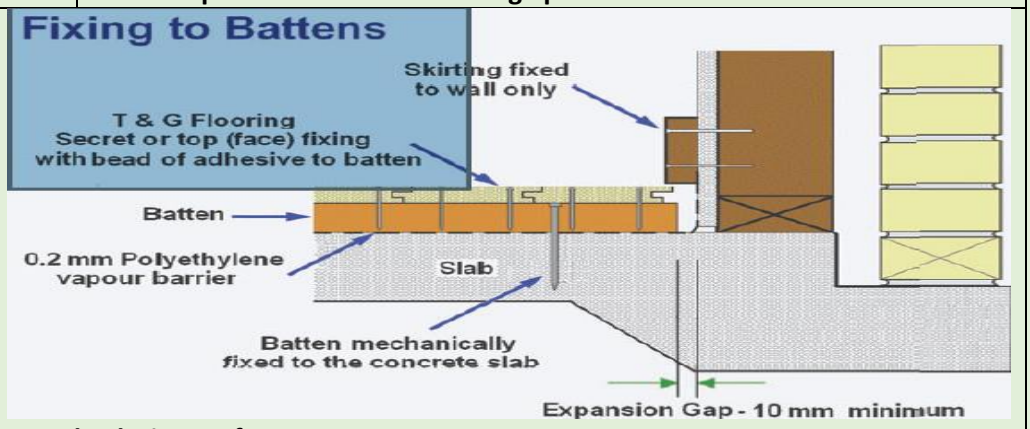


Wedge packer

Packer 1mm to 15mm thick

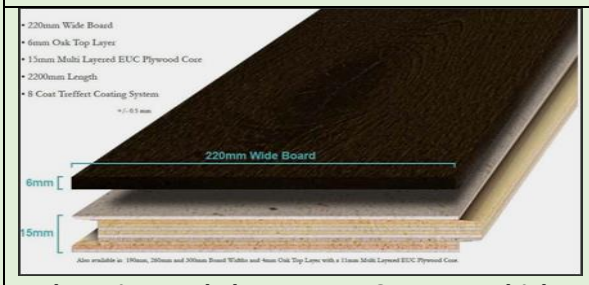


Hydronic heating in battens



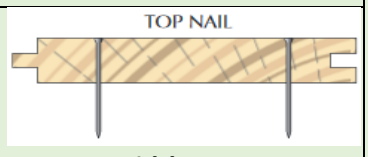
Wood Solutions reference

Profiles of Timber Floor Glue to nail to joist

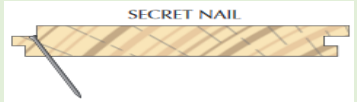


Oak Engineered Floor 21mm & 15mm, Thick

Solid Hardwood T & G Floor
19mm, 21mm, 32mm Thick



≥ 85mm width



≤ 85mm width

Spacing battens: 15mm thick use 300mm centres, 19mm to 21mm thick use 450mm centres

INSTALLING TO BATTENS TIMBER FLOOR OPTIONS

1. Concrete → Plastic membrane→ Snake glue →Battens → secret nail → 60 to 80mm x 19mm solid T & G Floor
2. Concrete → Plastic membrane→ Snake glue →Battens → top nail → 85 to 230mm x 21 solid T & G Floor
3. Concrete → Plastic membrane→ Snake glue →Battens → secret nail → 220mm x 21mm engineered T & G Floor
4. Concrete → Plastic membrane→ Snake glue →Battens → secret nail → 220mm x 15mm engineered T & G Floor
5. Concrete → Plastic membrane→ Snake glue →Pad →Battens → secret/top nail → 21mm or 15mm engineered/ Solid Floor 19mm or 21mm

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